

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Takashi MORIGUCHI</td><td>03/06/2009</td></tr><tr><td>Seiji HORII</td><td>03/06/2009</td></tr></tbody></table>	Name	Execution Date	Takashi MORIGUCHI	03/06/2009	Seiji HORII	03/06/2009					
Name	Execution Date										
Takashi MORIGUCHI	03/06/2009										
Seiji HORII	03/06/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Kyocera Corporation</td></tr><tr><td>Street Address:</td><td>6, Takeda Tobadono-cho, Fushimi-ku</td></tr><tr><td>City:</td><td>Kyoto-shi, Kyoto</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>612-8501</td></tr></table>	Name:	Kyocera Corporation	Street Address:	6, Takeda Tobadono-cho, Fushimi-ku	City:	Kyoto-shi, Kyoto	State/Country:	JAPAN	Postal Code:	612-8501	
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Street Address:	6, Takeda Tobadono-cho, Fushimi-ku										
City:	Kyoto-shi, Kyoto										
State/Country:	JAPAN										
Postal Code:	612-8501										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12401444</td></tr></tbody></table>	Property Type	Number	Application Number:	12401444							
Property Type	Number										
Application Number:	12401444										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Lawrence J. McClure										
Total Attachments: 3 source=345850002_assg#page1.tif source=345850002_assg#page2.tif											

CH \$40.00 12401444

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PATENT  
REEL: 022373 FRAME: 0895



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1. Name of conveying party(ies):

Takashi MORIGUCHI  
Seiji HORII

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

KYOCERA CORPORATION  
6, Takeda Tobadono-cho, Fushimi-ku  
Kyoto-shi, Kyoto 612-8501 Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

Execution Date: March 6, 2009

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 6, 2009

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Lawrence J. McClure, Esq.  
HOGAN & HARTSON L.L.P.  
1999 Avenue of the Stars, Suite 1400  
Los Angeles, CA 90067

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$40.00

☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

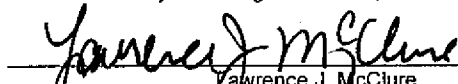
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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*

  
Lawrence J. McClure

Date: March 10, 2009

OMB No. 0651-0011 (exp. 4/94)

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# ASSIGNMENT 譲渡証書

(1-8) 発明者名 (1) (5)  
(2) (6)  
(3) (7)  
(4) (8)  
以下の署名者各々に対して支払わ  
れる価値ある対価に基づき、下記  
署名者は被譲渡人、

(9) 被譲渡人氏名 (9)  
(10) 被譲渡人の会社 (10)  
設立の州名  
(11) 被譲渡人の住所 (11)

(12) 発明の名称、件  
番号、又は外国に於け  
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を識別するもの  
(13) 署名日 宣言 (13) 日付  
で識別される特許出願として公知  
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4) 下記署名者は、被譲渡人が有効な米国特許の付  
与の獲得にあたり必要と看做されるあらゆる積極的行動を  
とることに同意する。

(1-8) Name(s) of  
Inventor(s) (1) (5)  
(2) (6)  
(3) (7)  
(4) (8)  
MORIGUCHI,  
Takashi  
(2) (8)  
HORII, Seiji  
(3)  
(4)

(9) Name of Assignee (9) Kyocera corporation  
(10) State of (10) Japan  
Incorporation of  
Assignee  
(11) Address of Assignee (11)

of 6, Takeda Tobadono-cho,  
Fushimi-ku, Kyoto-shi, Kyoto  
612-8501 Japan  
(hereinafter designated as the  
Assignee) the entire worldwide  
right, title and interest in the  
invention known as

(12) Identification of  
Invention, such as  
Title, Case Number  
or Foreign  
Application Number (12) ELECTRONIC DEVICE  
for which the undersigned has  
(have) executed an application for  
patent in the United States of  
America and all patent applications  
in foreign countries corresponding  
thereto or based thereon.

(13) Date(s) of Signing  
of Declaration (13) on March 6, 2009

1) The undersigned agree(s) to execute all papers necessary in  
connection with any original, reissue, divisional and continuing United  
States and foreign applications for the above identified invention and  
also to execute separate assignments in connection with such  
applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in  
connection with any interference which may be declared concerning  
this application or continuation or division thereof and to cooperate  
with the Assignee in every way possible in obtaining evidence and  
going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents  
and perform any act which may be necessary in connection with claims  
or provisions of the International Convention for Protection of  
Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which  
may be necessary to obtain a grant of a valid United States patent to the  
Assignee.

5) 下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有すること、及び当該内容に違反する内容の契約は締結していないことを誓約する。

6) 下記署名者は、ここに、  
顧客番号

000026021

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日付 \_\_\_\_\_ 第一署名者 \_\_\_\_\_  
日付 \_\_\_\_\_ 第二署名者 \_\_\_\_\_

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest here in assigned and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: March 6, 2009

Signature of Inventor 1 Takashi Moriguchi  
MORIGUCHI, Takashi

Date: March 6, 2009

Signature of Inventor 2 Seiji Horii  
HORII, Seiji